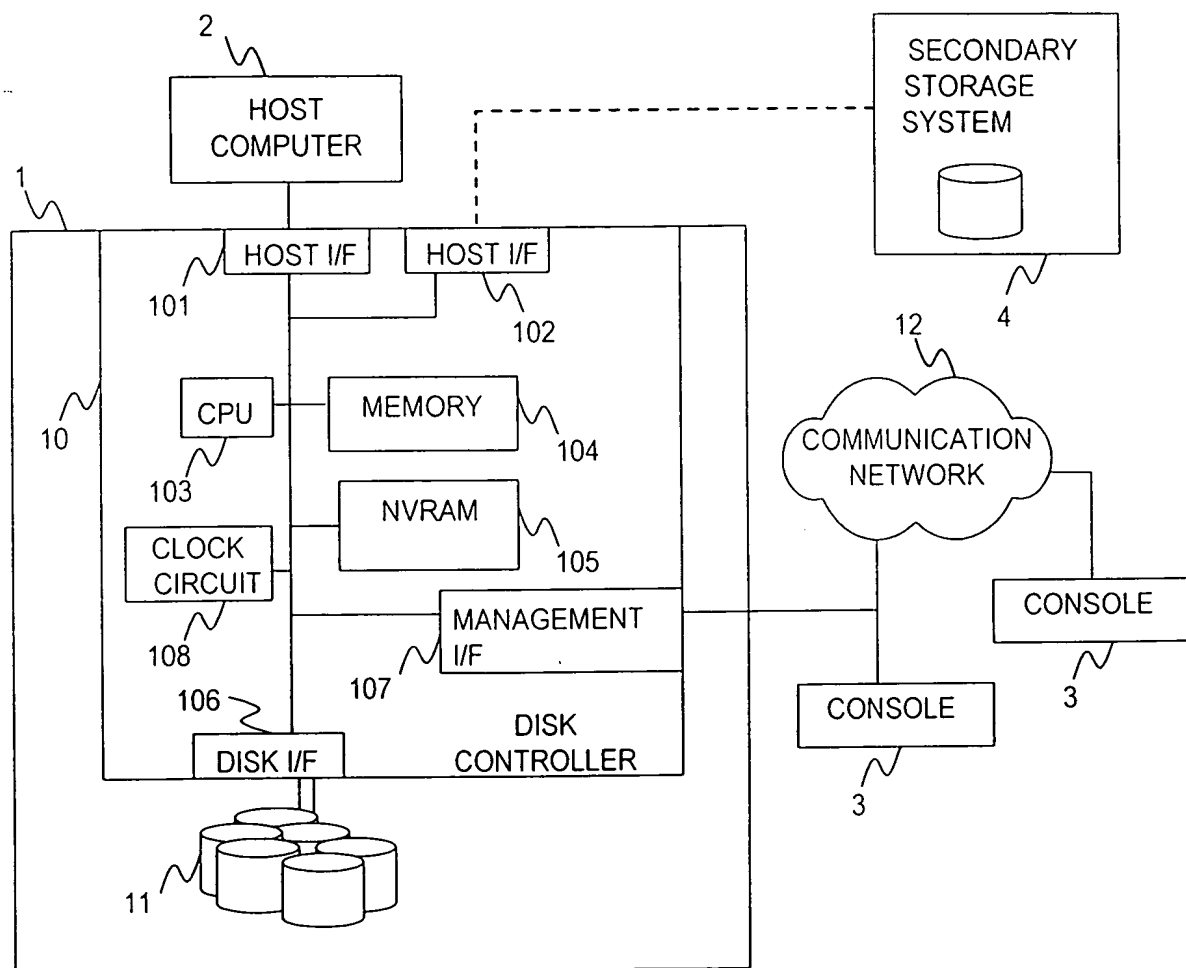
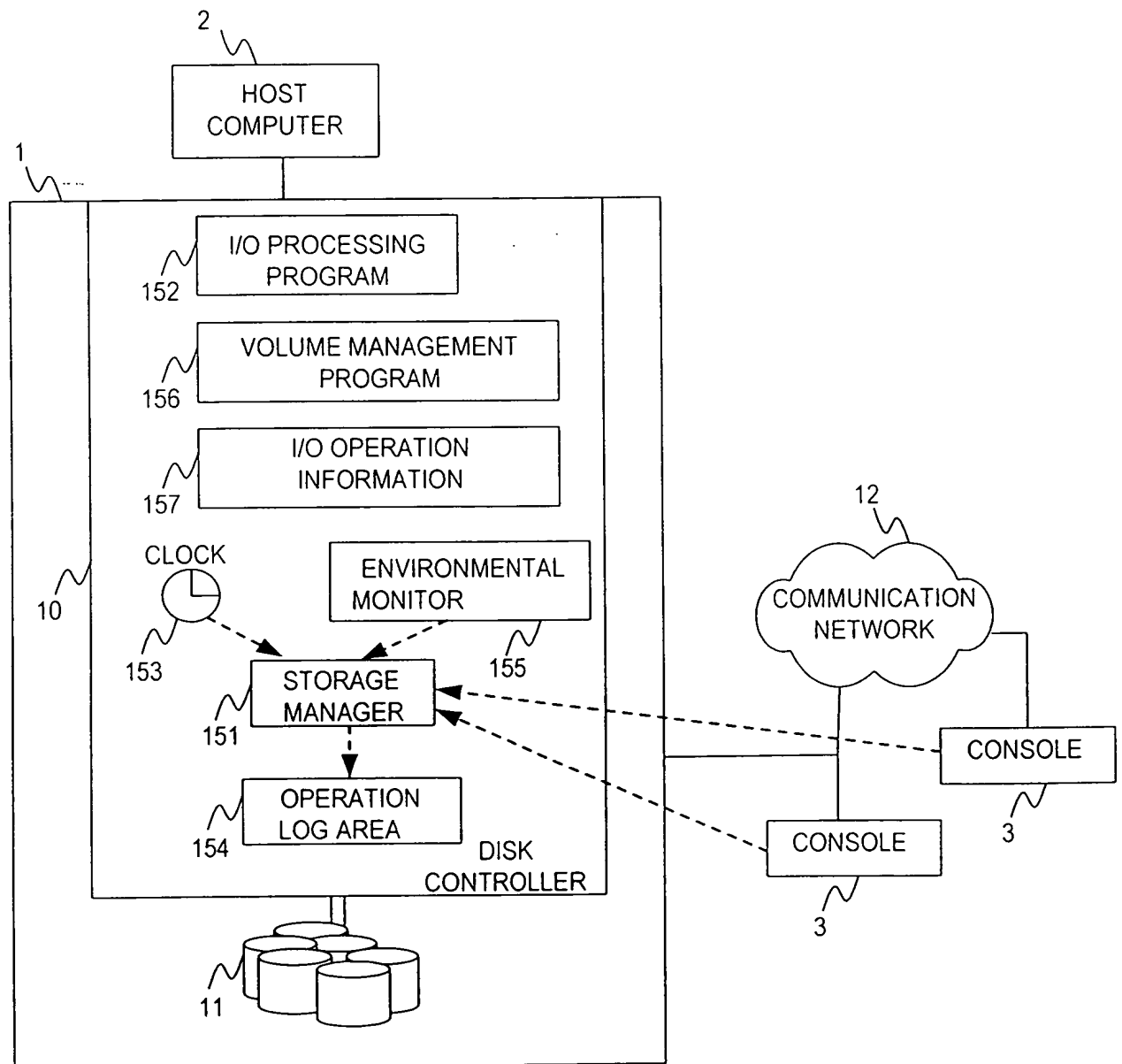


1/8



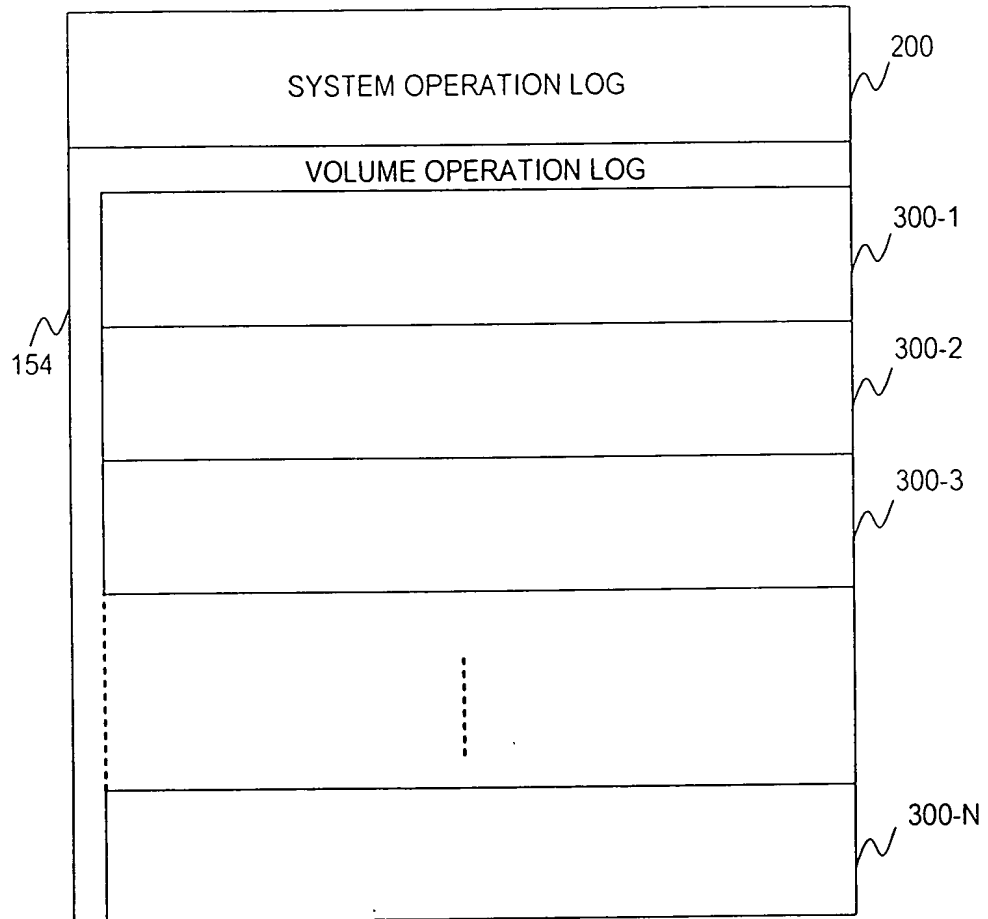
**FIG. 1**

2/8



**FIG. 2**

3/8



**FIG. 3**

4/8

300

301 TIME	302 OPERATION
Jun. 1, 2000 12:00	SET WRITE PROTECTION MODE PERIOD: 3YEARS
Jun. 4, 2000 11:00	CREATE COPY PAIR VOLUME AS PRIMARY SECONDARY VOL ID=20
Dec. 22, 2000 2:50	REMOVE HDD HDD ID=04, Ser.No: XXXXXXXX
Dec. 22, 2000 2:50	REPLACE HDD HDD ID=60, Ser.No: YYYYYYYY
⋮	⋮

**FIG. 4**

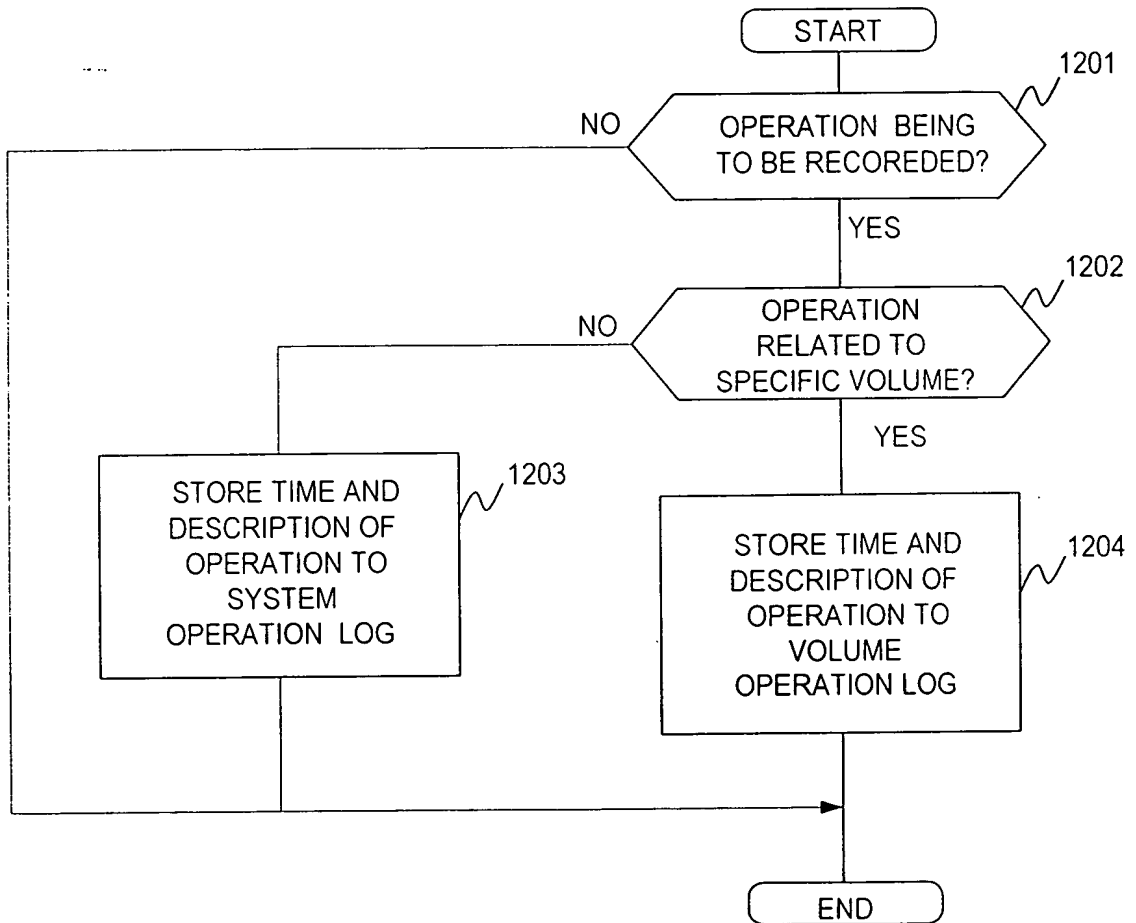
5/8

200

201 TIME	202 OPERATION
Jan. 1, 2000 12:00	INSTALL HDD HDD ID=00, Ser.No: aaaaaaaa HDD ID=01, Ser.No: bbbbbbbb .....
Mar. 4, 2000 09:00	CREATE LOGICAL VOLUME VOL ID=20, HDD ID=00,01,02,03 size=20GB VOL ID=21, HDD ID=10,11,12,13 size=15GB
Mar. 22, 2000 14:50	REMOVE HDD ..... HDD ID=04, Ser.No: XXXXXXXX
⋮	⋮

**FIG. 5**

6/8



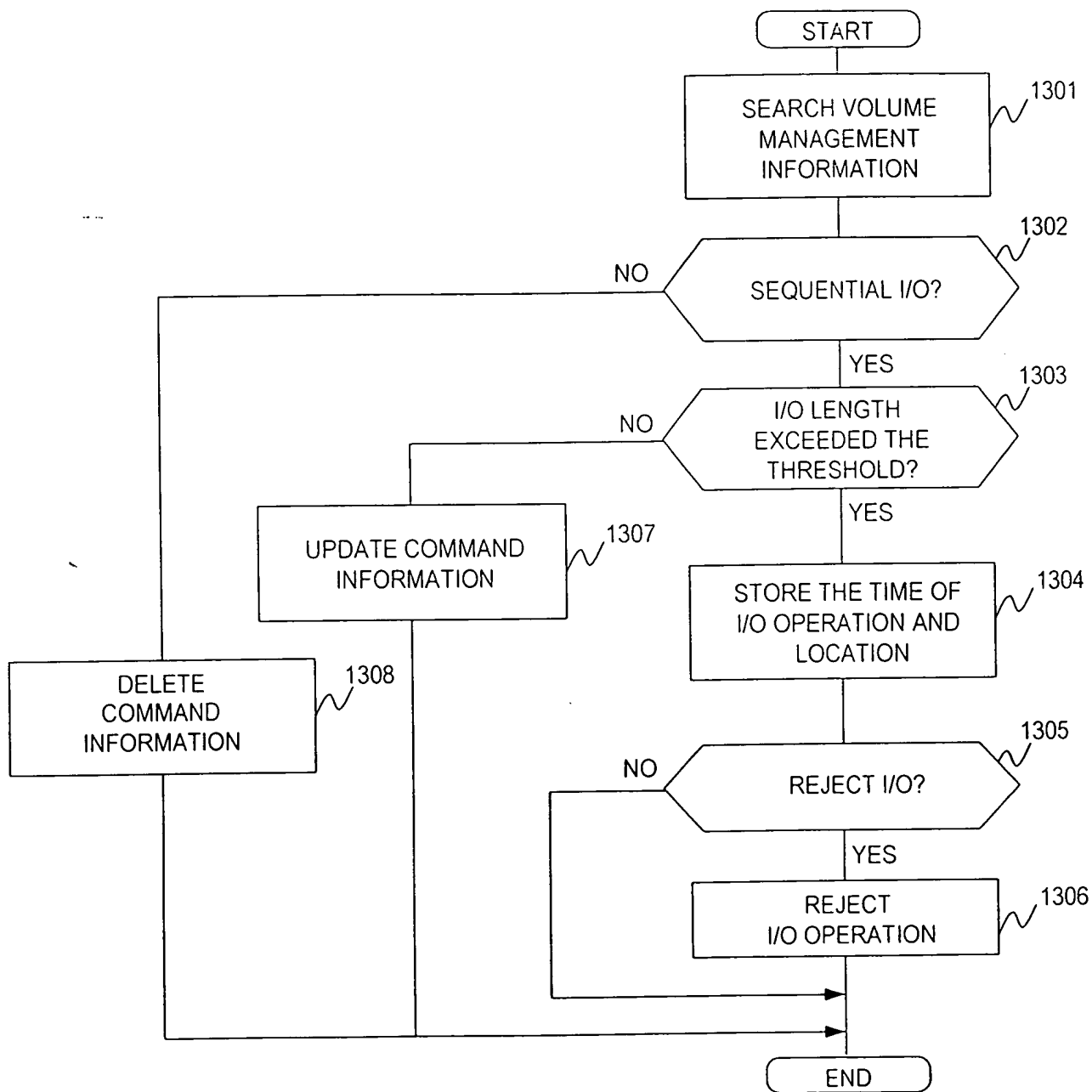
**FIG. 6**

7/8

401	402	403	404	405	406
VOL ID	START TIME	START LBA	LAST TIME	LAST LBA	FLAG
1	Jun. 1, 2000 12:00.02.000	0	Jun. 1, 2000 12:10.32.984	0X00000E0A	ON
2	Jun. 4, 2000 09:32.00.382	0X00000100	Jun. 4, 2000 11:04.25.004	0X00000122	OFF
3	0	0	0	0	ON
157	⋮	⋮	⋮	⋮	⋮
N	Jun. 1, 2000 12:00.00.020	0X00000100	Jun. 1, 2000 12:10.32.984	0X000003EA	ON

**FIG. 7**

8/8



**FIG. 8**